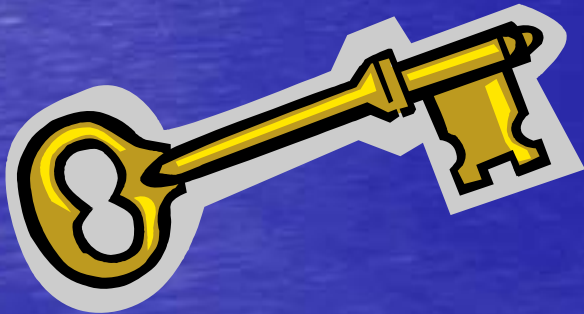


California Ambulatory Surgery Data

Two+ Years of Success



CASA Annual Conference

September 2007

Candace L. Diamond

Manager, Patient Data Section

**Office of Statewide Health
Planning and Development
(OSHDP)**

Today's Aims

- What we see (quantity & quality)
- What you can see (public reports)
- Improving your success rate
- Future Requirements

What's first?

- **Compare Freestanding licensed Ambulatory Surgery Centers to Hospital-based ASC's**
- **Volume of patient encounters**
- **Most frequent diagnoses and procedures**

AS Data Sources

- **First full year of data** **2005**
- **Second year of data** **2006**
- **“Sneak peek”** **2007**

2005 Ambulatory Surgical Centers

| Area | Freestanding | | Hospital-Based | | Total | |
|----------|--------------|------------|----------------|------------|-------|------------|
| | Count | Percentage | Count | Percentage | Count | Percentage |
| Urban | 420 | 89% | 284 | 77% | 704 | 84% |
| Rural | 50 | 11% | 74 | 20% | 124 | 15% |
| Frontier | 0 | 0% | 9 | 2% | 9 | 1% |
| Total | 470 | 100% | 367 | 100% | 837 | 100% |

Urban: >250 persons per sq mi, or a city >50,000.

Rural: <250 persons per square mile, and no city >50,000.

Frontier: <11 persons per square mile.

2006 Ambulatory Surgical Centers

| Area | Freestanding | | Hospital-Based | | Total | |
|----------|--------------|------|----------------|------|-------|------|
| Urban | 425 | 89% | 281 | 78% | 706 | 84% |
| Rural | 50 | 11% | 73 | 20% | 123 | 15% |
| Frontier | 0 | 0% | 8 | 2% | 8 | 1% |
| Total | 475 | 100% | 362 | 100% | 837 | 100% |

Urban: >250 persons per sq mi, or a city >50,000.

Rural: <250 persons per square mile, and no city >50,000.

Frontier: <11 persons per square mile.

2007 Ambulatory Surgical Centers

| Area | Freestanding | | Hospital-Based | | Total | |
|----------|--------------|------|----------------|------|-------|------|
| Urban | 422 | 89% | 277 | 77% | 699 | 84% |
| Rural | 52 | 11% | 73 | 20% | 125 | 15% |
| Frontier | 0 | 0% | 8 | 2% | 8 | 1% |
| Total | 474 | 100% | 358 | 100% | 832 | 100% |

Urban: >250 persons per sq mi, or a city >50,000.

Rural: <250 persons per square mile, and no city >50,000.

Frontier: <11 persons per square mile.

Ambulatory Surgery

January-December 2005

Total Encounters: 2,791,153

| | Freestanding | Hospital-Based |
|---------------------------------|--------------|----------------|
| Total Encounters | 1,052,398 | 1,738,755 |
| Percentage of all AS Encounters | 38% | 62% |

Ambulatory Surgery

January-December 2006

Total Encounters: 2,874,982

| | Freestanding | Hospital-Based |
|---------------------------------|--------------|----------------|
| Total Encounters | 1,141,434 | 1,733,548 |
| Percentage of all AS Encounters | 40% | 60% |

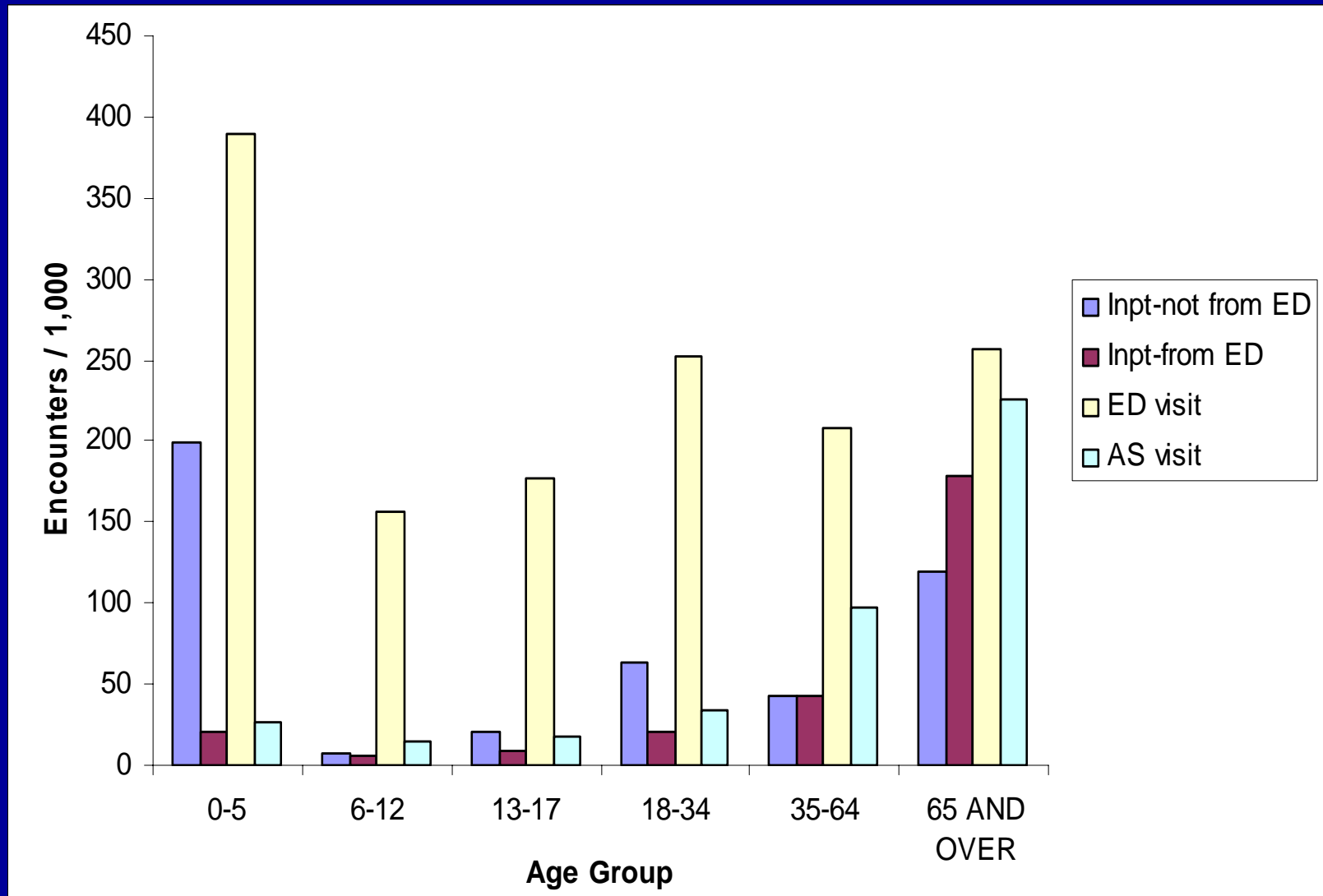
Ambulatory Surgery

Sneak Peek: Jan-Jun 2007

1st Half Encounters: 1,502,817

| | <i>Freestanding</i> | <i>Hospital- Based</i> |
|-------------------------------------|---------------------|----------------------------|
| <i>Six Months of Encounters</i> | <i>617,148</i> | <i>885,669</i> |
| <i>Percentage of Encounters</i> | <i>41%</i> | <i>59%</i> |

Utilization Rates by Age Group



Freestanding ASC

Top Principal Diagnosis Groups January-December 2006

| Diagnosis Group | No. of Records | ICD-9 Code Range | Top Diagnosis |
|---|----------------|------------------|---------------|
| Diseases of Musculoskeletal System | 263,370 | 710-739 | 724.4 |
| Diseases of Nervous System | 206,562 | 320-389 | 366.16 |
| Diseases of Digestive System | 204,109 | 520-579 | 562.10 |
| Neoplasms | 129,592 | 140-239 | 211.3 |
| Examinations; Investigations of Individuals & Populations | 61,566 | V70-V85 | V76.51 |
| Symptoms, Signs, & Ill-defined Conditions | 58,699 | 780-799 | 787.99 |
| Injury & Poisonings | 54,560 | 800-999 | 836.0 |

Hospital-based ASC

Top Principal Diagnosis Groups January-December 2006

| Diagnosis Group | No. of Records | ICD-9 Code Range | Top Diagnosis |
|------------------------------------|----------------|------------------|---------------|
| Diseases of Digestive System | 298,670 | 520-579 | 550.90 |
| Diseases of Musculoskeletal System | 225,521 | 710-739 | 722.52 |
| Diseases of Nervous System | 213,621 | 320-389 | 366.9 |
| Neoplasms | 189,011 | 140-239 | 211.3 |
| Diseases of Genitourinary System | 141,429 | 580-629 | 592.0 |
| Injury & Poisonings | 113,742 | 800-999 | 996.73 |
| Diseases of the Circulatory System | 102,684 | 390-459 | 414.01 |

Freestanding ASC

Top Principal E-Code Groups

January-December 2006

| E-Code Group | No. of Records | ICD-9Code Range | Top E-Code |
|--|----------------|---------------------------------|---------------|
| Other Accidents | 15,955 | E916-E928 | E928.9 |
| Accidental Falls | 5,678 | E880-E888 | E888.9 |
| Late Effects of Injury | 4,013 | E929, E959, E969, E977, E989 | E989 |
| Undetermined Injury | 1,401 | E980-E988 | E988.9 |
| Motor Vehicle Traffic Accidents | 627 | E810-E819 | E819.9 |
| Abnormal Reactions without Misadventures | 608 | E878-E879 | E878.8 |
| Place of Occurrence | 260 | E849 | E849.9 |

Hospital-based AS

Top Principal E-Code Groups

January-December 2006

| E-Code Group | No. of Records | ICD-9Code Range | Top E-Code |
|--|-----------------------|------------------------------|-------------------|
| Other Accidents | 26,624 | E916-E928 | E928.9 |
| Abnormal Reactions without Misadventures | 17,822 | E878-E879 | E878.8 |
| Accidental Falls | 15,351 | E880-E888 | E888.9 |
| Late Effects of Injury | 4,560 | E929, E959, E969, E977, E989 | E929.8 |
| Submersion, Suffocation, Foreign Bodies | 2,442 | E910-E915 | E915 |
| Adverse Effects/Therapeutics | 2,014 | E930-E949 | E933.1 |
| Motor Vehicle Traffic Accidents | 1,804 | E810-E819 | E819.9 |

Freestanding ASC

Top Principal Procedure Groups

January-December 2006

| Procedure Group | No. of Records | CPT-4 Code Range | Top Procedure |
|----------------------------------|-----------------------|-------------------------|----------------------|
| Surgery – Digestive System | 484,394 | 40490-49999 | 45378 |
| Surgery – Nervous System | 177,968 | 61000-64999 | 62311 |
| Surgery – Eye & Ocular System | 170,429 | 65091-68899 | 66984 |
| Surgery – Musculoskeletal System | 165,200 | 20000-29999 | 29881 |
| Surgery – Integumentary System | 56,136 | 10040-19499 | 19325 |
| Surgery – Female Genital System | 23,679 | 56405-58999 | 58558 |
| Surgery – Respiratory System | 13,952 | 30000-32999 | 30520 |

Hospital-based AS

Top Principal Procedure Groups

January-December 2006

| Procedure Group | No. of Records | CPT-4 Code Range | Top Procedure |
|----------------------------------|----------------|------------------|---------------|
| Surgery – Digestive System | 547,339 | 40490-49999 | 45378 |
| Surgery – Musculoskeletal System | 226,974 | 20000-29999 | 29881 |
| Surgery – Eye & Ocular System | 158,943 | 65091-68899 | 66984 |
| Surgery – Integumentary System | 122,934 | 10040-19499 | 19120 |
| Surgery – Cardiovascular System | 103,069 | 33010-37799 | 36415 |
| Surgery – Nervous System | 99,948 | 61000-64999 | 62311 |
| Surgery – Female Genital System | 74,387 | 56405-58999 | 58558 |

ASC's in San Diego County



Geographic Data by Facility

Medical Service Study Area Escondido East/Hidden
Meadows/Poway North

Urban Area (Sq Mi) 135.5 **Population (2005)** 89,871

County San Diego **Population (2006)** 308,463

Census Tract Number 0170.15

Senate District 36 **Sen. Dennis Hollingsworth, Republican**

Assembly District 75 **Assemblyman George A. Plescia,**
Republican

US Congressional District 49 **Congressman Darrell E. Issa,**
Republican

Make Your Own Map

OSHDP Healthcare Atlas

[http://www.oshpd.ca.gov/oshpdKEY/
findmaps.htm](http://www.oshpd.ca.gov/oshpdKEY/findmaps.htm)

Other Ambulatory Surgery Data

| | |
|--|---|
| Profiles – see other facilities' data ☺ | MIRCal website |
| Annual Utilization Reports (alirts) | Freestanding ASC's and Hospitals |
| Outpatient Transfer Reports | All Outpatient Surgery Settings |
| OSHDP Research Papers, 2007 | Two new papers using 2005 data |

California Patient Profile, 2005:

**Utilization Patterns in California Hospitals,
Emergency Departments, and Ambulatory
Surgery Centers**

Mary Tran, PhD, MPH

Healthcare Outcomes Center

OSHPD, 2007

Medical Procedures Performed in Ambulatory Surgery Centers:

**Risk of Mortality and Readmission,
California, 2005**



**Mary Tran, PhD, MPH
Brian Paciotti, PhD
Healthcare Outcomes Center
OSHPD**

**Geeta Mahendra
University of California, Davis
Dept. of Internal Medicine**

Tips for Report Approval

- Submit Test Files Early
- Use Correct Format & Encounter Dates
- No Blanks or Invalid Values

More Tips ...

- Report valid CPT procedure codes
(e.g., No G or D Codes)
- Report valid Injury Codes
- Check Trends & Comparative Edits
- Use the Data Distribution Report

Psst! Where is the Data Distribution Report?

- Log on to MIRCal
- Select Data Type and Report Period
- From the Main Menu, click on “Error Reports”
- Under Informational Reports, click on “VIEW” next to the Data Distribution Report

Just Two More Tips...

- Submit Corrections, Extensions, and Variance Requests Early
- Use your MIRCal Analyst

Questionable Data



“High” percentages reported in:

- Patient Disposition – Other
- Expected Source of Payment – Other
- Sex – Unknown
- ZIP Code – Unknown

Patient Disposition – Other

We edit for:

- 100% of records in Other
- 1% up to 99.84%

Last year we asked:

What are facilities reporting in “Other”?

Expected Source of Payment – Other

We edit for:

- 100% of records in Other
- Less than 1% up to 96%

Last year we also asked:

What are facilities reporting in “Other”?

Unknown Sex

High percentages reported:

| | No. of Facilities | | | |
|-------------------|---------------------|---------------------|---------------------|---------------------|
| | 1 st Qtr | 2 nd Qtr | 3 rd Qtr | 4 th Qtr |
| Free-Standing ASC | 91 | 96 | 93 | 91 |
| Hospital-Based AS | 18 | 18 | 8 | 15 |

Comparative Edit Program

- Checks for high % of records reported in one category
- A “C” and a 3-digit number will identify a Comparative Edit
- Edit Summary Report
- Error Tolerance Level: Report rejected if it fails one or more Comparative Edits

New Critical Edits

Target Date: Jan 2008

100% of records reported in one category for:

- Sex
- Race
- Ethnicity
- Patient Disposition [Excludes HOME]
- Expected Source of Payment

Other New Critical Edits

Target Date: Jan 2008

- Patient Disposition-Other > 1%
- Expected Source of Payment-Other > 2%
- Sex reported as Unknown on more than .1% of total records
- Unknown ZIP Code > 2%

One More Critical Edit

Target Date: Jan 2008

Principal Diagnosis reported as 799.9 on
more than .1% of total records

New Standard Edits

Target Date: Jan 2008

Age and Sex Edits for ICD-9 CM
Diagnosis Codes and E-Codes

Note: Flags show on Diagnosis & Date of
Birth or Diagnosis and Sex Fields

One More Standard Edit

Target Date: Jan 2008

Evaluation & Management Code reported
as Principal Procedure, with Other
Surgical Procedures reported

Note: If an E & M Code is the only
procedure reported on the record, then
no problem

Warning Flags

Example:

HIV Test Results 795.1 or V08 reported
as Principal or Other Diagnosis

See *Quick Notes* Issue #10:

www.oshpd.ca.gov/MIRCal/resources

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(916) 324-2712

Please stay tuned for our move - November 2007

THANK YOU, CASA!

